

US EPA ARCHIVE DOCUMENT



Chris M. Aneiros
Cincinnati Facility
Site Manager

**Chevron Environmental
Management Company**
5000 State Route 128
Cleveland, OH 44130
Tel 513-353-1323
Fax 513-353-4664

July 15, 2009

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Christopher Black
U.S. EPA – Region 5
Corrective Action Section
Enforcement and Compliance Assurance Branch
77 West Jackson Blvd. LU-9J
Chicago, IL 60604-3590

Re: 2nd Quarter 2009 Progress Report, Chevron Cincinnati Facility

Dear Mr. Black:

Chevron is submitting this quarterly progress report in accordance with Section 19.b of the November 2006 Administrative Order on Consent (AOC), covering the time period from April 1, 2009 to June 30, 2009. The progress and status of the various activities performed for this time period are presented herein.

1. Chevron sent the following correspondence to the U.S. EPA in the 2nd quarter of 2009:
 - A letter dated April 15, 2009 presenting the Administrative Order on Consent quarterly progress report.
 - Emails dated April 9 and 17, 2009 summarizing the southwest quad and river monitoring analytical results.
 - A report dated April 30, 2009 titled "First Semiannual Monitoring Report, Chevron Cincinnati Facility, Hooven, Ohio."
 - A report dated April 30, 2009 titled "Facility Wide Quality Assurance Project Plan, Chevron Cincinnati Facility, Hooven, Ohio."
 - An email dated May 8, 2009 presenting the southwest quad vapor investigation workplan.
 - An email dated May 18, 2009 presenting revisions to the document titled "Proposed Criteria for Discontinuing High-Grade LNAPL Recovery under the Final Groundwater Remedy, Chevron Cincinnati Facility, Hooven, Ohio."
 - An email dated June 22, 2009 providing U.S. EPA with the construction spec book cover for the southwest quad credit union.

2. The U.S. EPA sent the following correspondence to Chevron in the 2nd quarter of 2009:
 - A letter dated June 25, 2009 approving the “Remedial Measures Workplan for Sheet Pile Barrier and Bank Stabilization along the East Bank of Great Miami River, Gulf Park, Cleves, Ohio.”
3. Work with developers/owners/permitting agencies continued on issues associated with installing a storm water management system in portions of the southwest quad, and on institutional control issues. On May 8, 2009, the Ohio Department of Transportation provided permit approval for the installation of the S.R. 128 storm sewer.
4. The following monitoring activities/field investigations were conducted in the 2nd quarter of 2009:
 - Quarterly sampling of the sentinel and POC wells in the southwest quad
 - Monthly sampling of select southwest quad wells (MW-133, MW-35, MW-138 through MW-142).
 - Bi-monthly groundwater gauging.
 - Quarterly sampling of the Barrier Wall monitoring well network.
 - Semiannual groundwater sampling of remedy monitoring wells, and the MNA component of the Barrier Wall network.
 - Installation/sampling of nested soil vapor well VW-139.
 - Semiannual ROST investigation in transects 1-3 within the southwest quad, and near MW-96S.
 - MNA soil coring near MW-93S and MW-96S.
6. The Gulf Park Bioventing system continued its seasonal operation, with it operating from March 16th to April 9th, and April 29th to May 2nd. It has remained off the remainder of the reporting period.
7. The Hooven HSVE system remained shut down, at U.S. EPA’s direction, and will remain offline until it is run during a High Grade Pumping event based on groundwater elevation trigger levels, and after the EPA Superfund Division completes their last round of soil vapor sampling in Hooven and the southwest quad.
8. The water treatment system was operational on March 29, 2009 pumping from production wells PROD_15 and PROD_24. These two wells have been in operation since that date, with the exception of down time due to power failure or maintenance.

Planned Activities – 3rd Quarter 2009

1. The following monitoring and fieldwork activities are planned:
 - Gulf Park systems trigger level monitoring and operation.
 - High Grade systems trigger level monitoring.
 - Bi-monthly groundwater monitoring.

- Quarterly groundwater monitoring of the new sentinel and POC wells.
- Quarterly groundwater monitoring of the newly installed barrier wall monitoring wells.
- Quarterly groundwater monitoring of the newly installed southwest quad monitoring wells.
- Monthly groundwater monitoring of select southwest quad monitoring wells.
- River observations along the Gulf Park river bank.
- Potential additional soil vapor monitoring in Hooven and the southwest quad.

3. Laboratory analytical data and quality assurance information will continue to be evaluated.

We appreciate your continued support and assistance on this project. If you have any questions or require any additional information, please contact me at (713) 432-2749 or Doug Lam (Trihydro Corporation) at (513) 353-1323, ext. 23.

Sincerely,



Chris M. Aneiros – Site Manager
Chevron Cincinnati Facility
Chevron Environmental Management Company

500-017-012

cc: Harold O'Connell – OEPA